

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: UCF-269DIV (which is a divisional of application SN: 09/824,437 filed 04/02/2001 and SN: 60/194,828 filed 04/05/2000).

Filed: ___/___/___

First Named Inventor: NAZIM Z. MURADOV

For: THERMOCATALYTIC CO₂ FREE PRODUCTION OF HYDROGEN AND CARBON FROM HYDROCARBONS

Examiner: LANGEL, WAYNE A.

Group: 1754

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
and Trademarks
P O Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §§ 1.97 and 1.98, record is being made below in a form PTO-1449 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in § 1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. § 1.97(h), this Supplemental Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on the attached PCT-1449 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. § 1.56(b).

Copies of the cited references were previously submitted to the USPTO in the parent application No.: 09/824,437 filed April 2, 2001 and made of record. Applicants claim priority to said application under 35 U. S. C. §120. Accordingly, copies of those documents are not provided with this Statement pursuant to 37 CFR § 1.98(d).

It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in the case.

Respectfully submitted,



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US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

APPLICANT: MURADOV

FOR: THERMOCATALYTIC CO₂ FREE PRODUCTION OF HYDROGEN AND CARBON FROM HYDROCARBONS

10872 U.S. PTO
09/824437
04/02/01

LIST OF ART CITED BY APPLICANTU.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
WAL	AA 1,528,905	03/10/25	WOODRUFF			
WAL	AB 2,367,474	02/26/45	STEWART	196	52	
WAL	AC 2,476,729	07/19/49	HELMERS	196	52	
WAL	AD 4,256,606	03/17/81	NOACK	252	411	
WAL	AE 4,615,993	10/07/86	SCHIRRMACHER	502	55	
WAL	AF 5,254,512	10/19/93	UEDA	502	52	
WAL	AG 5,300,468	04/05/94	SENUM	502	34	
WAL	AH 5,650,132	07/22/97	MURATA	423	650	

FOREIGN PATENT DOCUMENTS

NONE

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

WAL	OA	Callahan, CATALYTIC PYROLYSIS OF METHANE AND OTHER HYDROCARBONS, <i>Proc. Conference Power Source</i> , v. 26, 1974
WAL	OB	Muradov, HOW TO PRODUCE HYDROGEN FROM FOSSIL FUELS WITHOUT CO ₂ EMISSION, <i>Int. J. Hydrogen Energy</i> , v. 18, No. 3, pp 211-215, 1993
WAL	OC	Gaudernack, HYDROGEN FROM NATURAL GAS WITHOUT RELEASE OF CO ₂ TO THE ATMOSPHERE, <i>Hydrogen /Energy Progress XI</i> , Stuttgart, Germany 23 - 28 June 1996
WAL	OD	Poirier, CATALYTIC DECOMPOSITION OF NATURAL GAS TO HYDROGEN FOR FUEL CELL APPLICATIONS, <i>Int. J. Hydrogen Energy</i> , v. 22, No. 4, pp 429 - 433, 1997
WAL	OE	Muradov, CO ₂ -FREE PRODUCTION OF HYDROGEN BY CATALYTIC PYROLYSIS OF HYDROCARBON FUELS FOR TRANSPORTATION, <i>Hydrogen/Energy Progress XII</i> , Buenos Aires, Argentina, 21 - 26 June 1998
WAL	OF	Shpilrain, COMPARATIVE ANALYSIS OF DIFFERENT NATURAL GAS PYROLYSIS METHODS, <i>Int. J. Hydrogen Energy</i> , v. 24, pp 613 - 624, 1999
WAL	OG	Steinberg, FOSSIL FUEL DECARBONIZATION TECHNOLOGY FOR MITIGATING GLOBAL WARMING, <i>Int. J. Hydrogen Energy</i> , v. 24, pp 771 - 777, 1999

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HYDROCARBONS

Examiner: LANGEL, WAYNE A.

Group: 1754

SUPPLEMENTAL FORM PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF ART CITED BY APPLICANT

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
AA	5,100,638	03/1992	LEVIN	423/445	
AB	5,198,084	03/1993	CHA	423/650	
AC	5,525,322	06/1996	WILLMS	423/653	
AD	5,560,900	10/1996	GBORDZOE	423/650	
AE	5,914,093	06/1999	NAKAMURA	423/458	
AF	6,315,977	11/2001	CANTACUZENE	423/651	
AG	6,395,197	5/2002	DETERING	252/373	
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